

=====

Sequence Listing could not be accepted.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: [year=2009; month=4; day=30; hr=13; min=11; sec=24; ms=459;]

=====

Reviewer Comments:

<210> 3

<211> 1012

<212> DNA

<213> Homo sapiens

<223> NM_006263.2| proteasome (prosome, macropain) activator subunit 1 (PA28 alpha) (PSME1), transcript variant 1, mRNA

<400> 3

Please insert a "<220>" numeric identifier directly above the <223> line. "<220>" is a mandatory numeric identifier whenever <221>, <222>, or <223> is present. "<220>" is a header only; it never has a response. This error occurs in all sequences.

The above <223> response exceeds the required 72-character line limit; please insert a hard return. This error also occurs in subsequent sequences.

Application No: 10584653 Version No: 2.0

Input Set:

Output Set:

Started: 2009-04-22 12:21:15.930
Finished: 2009-04-22 12:21:20.652
Elapsed: 0 hr(s) 0 min(s) 4 sec(s) 722 ms
Total Warnings: 0
Total Errors: 0
No. of SeqIDs Defined: 139
Actual SeqID Count: 139

SEQUENCE LISTING

<110> Aros Applied Biotechnology ApS

<120> Classification of Cancer

<130> 69167(302423)

<140> 10584653

<141> 2009-04-22

<150> PCT/DK04/000914

<151> 2004-12-23

<150> PA 2004 01843

<151> 2004-11-26

<150> PA 2004 00586

<151> 2004-04-07

<150> PA 2004 00096

<151> 2004-01-24

<150> PA 2003 01940

<151> 2003-12-27

<160> 139

<170> PatentIn version 3.1

<210> 1

<211> 1237

<212> DNA

<213> Homo sapiens

<223> NM_002985.2| chemokine (C-C motif) ligand 5 (CCL5), mRNA

<400> 1

gctgcagagg attcctgcag aggatcaaga cagcacgtgg acctcgcaca gcctctccca 60

caggtaccat gaaggtctcc gcggcagccc tcgctgtcat cctcattget actgccctct 120

gcgctcctgc atctgcctcc ccatattcct cggacaccac accctgctgc tttgcctaca 180

ttgcccgcgc actgccccgt gccacatca aggagtatct ctacaccagt ggcaagtget 240

ccaaccagc agtcgtcttt gtcacccgaa agaaccgcc aagtgtgtgcc aaccagaga 300

agaaatgggt	tcgggagtag	atcaactctt	tggagatgag	ctaggatgga	gagtccttga	360
acctgaactt	acacaaattt	gcctgtttct	gcttgctctt	gtcctagctt	gggaggcttc	420
ccctcactat	cctaccccac	ccgtccttgc	aagggcccag	attctaccac	acagcagcag	480
ttacaaaaac	cttccccagg	ctggacgtgg	tggtcacgc	ctgtaatccc	agcactttgg	540
gaggccaagg	tgggtggatc	acttgaggtc	aggagttcga	gaccagcctg	gccaacatga	600
tgaaacccca	tctctactaa	aaatacaaaa	aattagccgg	gcgtggtagc	gggcgcctgt	660
agtcccagct	actcgggagg	ctgaggcagg	agaatggcgt	gaacccggga	ggcggagctt	720
gcagtgagcc	gagatcgcg	cactgcactc	cagcctgggc	gacagagcga	gactccgtct	780
caaaaaaaaa	aaaaaaaaaa	aaaatacaaa	aattagccgg	gcgtggtagc	ccacgcctgt	840
aatcccagct	actcgggagg	ctaaggcagg	aaaattgttt	gaacccagga	ggtggaggct	900
gcagtgagct	gagattgtgc	cacttcactc	cagcctgggt	gacaaagtga	gactccgtca	960
caacaacaac	aacaaaaagc	ttccccact	aaagcctaga	agagcttctg	aggcgctgct	1020
ttgtcaaaaag	gaagtctcta	ggttctgagc	tctggctttg	ccttggcttt	gccagggctc	1080
tgtgaccagg	aaggaagtca	gcatgcctct	agaggcaagg	aggggaggaa	cactgcactc	1140
ttaagcttcc	gccgtctcaa	cccctcacag	gagcttactg	gcaaacaatga	aaaatcggct	1200
taccattaaa	gttctcaatg	caaccataaa	aaaaaaa			1237

<210> 2

<211> 2884

<212> DNA

<213> Homo sapiens

<223> NM_004184.3| tryptophanyl-tRNA synthetase (WARS), transcript variant 1, mRNA

<400> 2

tcgattctca	agagggtttc	attgggtctca	acctggcccc	ccaggcaacc	caccctgat	60
tggacagtct	catcaagaag	gttgggtcaag	agctcaagtg	tttctgagaa	tctgggtgat	120
ttataagaaa	cccttagctg	aatgcagggt	ggggagaaac	aaagacaaaa	gcatcttttt	180
tcagaaggga	aactgaaaga	aagaggggaa	gagtattaaa	gaccatttct	ggctgggcag	240
ggcactctca	gcagctcaac	tgcccagcgt	gaccagtggc	cacctctgca	gtgtcttcca	300

caacctggtc ttgactcgtc tgctgaacaa atcctctgac ctcaggccgg ctgtgaacgt	360
agttcctgag agatagcaaa catgcccaac agtgagcccg catctctgct ggagctgttc	420
aacagcatcg ccacacaagg ggagctcgta aggtccctca aagcgggaaa tgcgtcaaag	480
gatgaaattg attctgcagt aaagatgttg gtgtcattaa aaatgagcta caaagctgcc	540
gcgggggagg attacaaggc tgactgtcct ccagggaacc cagcacctac cagtaatcat	600
ggcccagatg ccacagaagc tgaagaggat tttgtggacc catggacagt acagacaagc	660
agtgcaaaaag gcatagacta cgataagctc attgttcggg ttggaagtag taaaattgac	720
aaagagctaa taaaccgaat agagagagcc accggccaaa gaccacacca cttcctgcgc	780
agaggcatct tcttctcaca cagagatatg aatcagggtt ttgatgccta tgaaaataag	840
aagccatttt atctgtacac gggccggggc ccctcttctg aagcaatgca tgtaggtcac	900
ctcattccat ttattttcac aaagtggctc caggatgtat ttaacgtgcc cttggtcac	960
cagatgacgg atgacgagaa gtatctgtgg aaggacctga ccctggacca ggcctatagc	1020
tatgctgtgg agaatgccaa ggacatcatc gcctgtggct ttgacatcaa caagactttc	1080
atattctctg acctggacta catggggatg agctcagggt tctacaaaaa tgtggtgaag	1140
attcaaaagc atgttacctt caaccaagtg aaaggcattt tcggettccac tgacagcgac	1200
tgcattggga agatcagttt tcttgcctc caggctgtct cctccttcag caactcatc	1260
ccacagatct tccgagacag gacggatatc cagtgcctta tcccatgtgc cattgaccag	1320
gataccttact ttagaatgac aagggacgtc gccccagga tcggctatcc taaaccagcc	1380
ctgctgcact ccaccttctt cccagccctg cagggcgcc agacaaaat gagtgccagc	1440
gaccccaact cctccatctt cctcacccgac acggccaagc agatcaaaac caaggtcaat	1500
aagcatgcgt tttctggagg gagagacacc atcgaggagc acaggcagtt tgggggcaac	1560
tgtgatgtgg acgtgtcttt catgtacctg accttcttcc tcgaggacga cgacaagctc	1620
gagcagatca ggaaggatta caccagcgga gccatgctca ccggtgagct caagaaggca	1680
ctcatagagg ttctgcagcc cttgatcgca gagcaccagg cccggcgcaa ggaggtcacg	1740
gatgagatag tgaaagagtt catgactccc cggaagctgt ccttcgactt tcagtagcac	1800
tcgtttttaca tatgcttata aaagaagtga tgtatcagta atgtatcaat aatcccagcc	1860
cagtcaaagc accgccacct gtaggcttct gtctcatggg aattactggg cctggcctct	1920
gtaagcctgt gtatgttatc aatactgttt cttcctgtga gttccattat ttctatctct	1980
tatgggcaaa gcattgtggg taattgggtgc tggctaacat tgcattggtc gatagagaag	2040

tccagctgtg agtctctccc caaagcagcc ccacagtgga gcctttggct ggaagtccat	2100
gggccaccct gttcttgctc atggaggact ccgagggttc caagtatact cttaagaccc	2160
actctgttta aaaatatata ttctatgtat gcgtatatgg aattgaaatg tcattattgt	2220
aacctagaaa gtgctttgaa atattgatgt ggggaggttt attgagcaca agatgtattt	2280
cagcccatgc cccctcccaa aaagaaattg ataagtaaaa gcttcgttat acatttgact	2340
aagaaatcac ccagctttaa agctgctttt aacaatgaag attgaacaga gttcagcaat	2400
tttgattaaa ttaagacttg ggggtgaaac tttccagttt actgaactcc agaccatgca	2460
tgtagtccac tccagaaatc atgctcgctt cccttggcac accagtgttc tctgccaaa	2520
tgaccctaga ccctctgtcc tgcagagtca ggggtggcttt tccctgact gtgtccgatg	2580
ccaaggagtc ctggcctccg cagatgcttc attttgacct ttggctgcag tggaagtcag	2640
cacagagcag tgccttggtc gtgtccctgg acgggtggac ttagctaggg agaaagtcga	2700
ggcagcagcc ctgaggccc tcacagatgt ctaggcaggc ctcatctcat cacgcagcat	2760
gtgcaggcct ggaagagcaa agccaaatct cagggaagtc cttggttgat gtatctgggt	2820
ctcctctgga gcactctgcc ctctgtcac ccagtagagt aaataaactt ccttggtccc	2880
tgct	2884

<210> 3

<211> 1012

<212> DNA

<213> Homo sapiens

<223> NM_006263.2| proteasome (prosome, macropain) activator subunit 1 (PA28 alpha) (PSME1), transcript variant 1, mRNA

<400> 3

aggcggagct ggggtgcgagc gccctaccgc tttcgctttc ccttcgcggt gccactcca	60
ctccttgctgc ggcgctaggc ccccgctccc ggtcatggcc atgctcaggg tccagcccga	120
ggcccaagcc aaggtggatg tgtttcgtga agacctctgt accaagacag agaacctgct	180
cgggagctat ttccccaaga agatttctga gctggatgca tttttaaaagg agccagctct	240
caatgaagcc aacttgagca atctgaaggc cccattggac atcccagtgc ctgatccagt	300
caaggagaaa gagaaagagg agcggaagaa acagcaggag aaggaagaca aggatgaaaa	360

gaagaagggg gaggatgaag acaaaggtcc tcctgtggc ccagtgaact gcaatgaaaa	420
gatcgtggtc cttctgcagc gcttgaagcc tgagatcaag gatgtcattg agcagctcaa	480
cctggtcacc acctggttgc agctgcagat acctcggatt gaggatggta acaatttttg	540
agtggctgtc caggagaagg tgtttgagct gatgaccagc ctccacacca agctagaagg	600
cttccacact caaatctcta agtattttctc tgagcgtggg gatgcagtga ctaaagcagc	660
caagcagccc catgtgggtg attatcggca gctggtgcac gagctggatg aggcagagta	720
ccgggacatc cggctgatgg tcatggagat ccgcaatgct tatgctgtgt tatatgacat	780
catcctgaag aacttcgaga agctcaagaa gccacgggga gaaacaaagg gaatgatcta	840
ttgagagccc tctctcccat tctgtgatga gtacagcaga gaccttctg ctttttactg	900
gggactccag attttcccca aacttgcttc tgttgagatt ttccctcac cttgcctctc	960
aggcacaata aatatagtta taccactgcc catcaaaaaa aaaaaaaaaa aa	1012

<210> 4

<211> 983

<212> DNA

<213> Homo sapiens

<223> NM_004335.2| bone marrow stromal cell antigen 2 (BST2), mRNA

<400> 4

gtggaattca tggcatctac ttcgtatgac tattgcagag tgcccatgga agacggggat	60
aagcgtgtga agcttctgct ggggatagga attctggtgc tcctgatcat cgtgattctg	120
ggggtgccct tgattatctt caccatcaag gccaacagcg aggctgccg ggacggcctt	180
cgggcagtga tggagtgtcg caatgtcacc catctcctgc aacaagagct gaccgaggcc	240
cagaagggct ttcaggatgt ggaggcccag gccgccacct gcaaccacac tgtgatggcc	300
ctaattggctt ccctggatgc agagaaggcc caaggacaaa agaaagtgga ggagcttgag	360
ggagagatca ctacattaaa ccataagctt caggacgcgt ctgcagaggt ggagcgactg	420
agaagagaaa accaggtctt aagcgtgaga atcgcggaca agaagtacta cccagctcc	480
caggactcca gctccgctgc ggcgccccag ctgctgattg tgctgctggg cctcagcgt	540
ctgctgcagt gagatcccag gaagctggca catcttgga ggtccgtcct gctcggcttt	600

tcgcttgaac attcccttga tctcatcagt tctgagcggg tcatggggca acacggttag	660
cgggggagagc acggggtagc cggagaaggg cctctggagc aggtctggag gggccatggg	720
gcagtcctgg gtgtggggac acagtcgggt tgacccaggg ctgtctccct ccagagcctc	780
cctccggaca atgagtcctc cctcttgtct cccaccctga gattgggcat ggggtgcggt	840
gtgggggggca tgtgctgcct gttgttatgg gttttttttg cggggggggg tgcttttttc	900
tgggggtcttt gagctccaaa aaataaacac ttcctttgag ggagagcaaa aaaaaaaaaa	960
aaaaaaaaaa aaaaaaaaaa aaa	983

<210> 5

<211> 1260

<212> DNA

<213> Homo sapiens

<223> NM_004223.3| ubiquitin-conjugating enzyme E2L 6 (UBE2L6), transcript variant 1, mRNA

<400> 5

gggggtgggg tccccggggc ggggcggggc gcgctgtgtc gcgggtcgga gctcggtcct	60
gctggaggcc acgggtgcc acaactcggc cccgacatga tggcgagcat gcgagtgggtg	120
aaggagctgg aggatcttca gaagaagcct ccccatatac tgcggaacct gtccagcgat	180
gatgccaatg tcctgggtgtg gcacgtcttc ctctaccctg accaacctcc ctaccacctg	240
aaagccttca acctgcgcac cagcttcccg ccggagtatc cgttcaagcc tcccatgatc	300
aaattcacia ccaagatcta ccacccaac gtggacgaga acggacagat ttgcctgccc	360
atcatcagca gtgagaactg gaagccttgc accaagactt gccaaagcct ggaggccctc	420
aatgtgctgg tgaatagacc gaatatcagg gagcccttgc ggatggacct cgctgacctg	480
ctgacacaga atccggagct gttcagaaaag aatgccgaag agttcacctt ccgattcgga	540
gtggaccggc cctcctaact catgttctga ccctctgtgc actggatcct cggcatagcg	600
gacggacaca cctcatggac tgaggccaga gcccctgtg gcccatcccc cattcatttt	660
tcctttctta gggtgttagt cattagtttg tgtgtgtgtg tgggtggaggg aaggagagcta	720
tgagtgtgtg tgttgtgtat ggactcactc ccagggtcac ctggccacag gtgcaccctt	780
cccacacctt ttacattccc cagagccaag ggagtttaag tttgcagtta caggccagtt	840
ctccagctct ccatcttaga gagacaggtc accttgcagg cctgcttgca ggaaatgaat	900

ccagcagcca actcgaatcc ccctagggct caggcactga gggcctgggg acagtggagc	960
atatgggtgg gagacagatg gagggtagcc tatttacaac tgagtcagcc aagccactga	1020
tgggaatata cagatttagg tgctaaaccg tttattttcc acggatgagt cacaatctga	1080
agaatcaaac ttccatcctg aaaatctata tgtttcaaaa ccacttgcca tctgtttaga	1140
ttgccagttc ctgggaccag gcctcagact gtgaagtata tctcctccag cattcagtcc	1200
agggggagcc acggaaacca tgttcttgct taagccatta aagtcagaga tgaattctgg	1260

<210> 6

<211> 3799

<212> DNA

<213> Homo sapiens

<223> NM_003488.2| A kinase (PRKA) anchor protein 1 (AKAP1), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA

<400> 6	
ctgtgttcca cccgcctggg ctagcacgtg ggggagctgc ggaagcgcgg cgctgcgggc	60
cgggcccgcgg ggcacagccg ggggcccggc gcggcgcgcg gactccgcat cccgcacccc	120
gatggtagcc gaggagctgg tgtaattact tcaagcctcc aggatggcaa tccagttccg	180
ttcgtctctc cccttggcat tgctgggat gctggcgctc ctcggtgggt ggtggttttt	240
ctctcgtaaa aaaggccatg tcagcagcca tgatgagcag caggtaggag ctggtgctgt	300
gcagctgagg gctgaccctg ccatcaagga acctctcccc gtggaagacg tctgtcccaa	360
agtagtgtcc acacccccca gtgtcacaga gcctccagaa aaggaactgt ccaccgtgag	420
caagctgcct gcagagcccc cagcattgct ccagacacac ccaccttgcc gaagatcaga	480
gtcctcgggc attcttctta acaccacaga catgagattg cgaccaggaa cacgcagaga	540
tgacagtaca aagctggagc tagccctgac aggtggtgaa gccaaatcga ttcctctaga	600
gtgccccctt tcatccccaa aggtgtgtact attctccagc aaatcagctg aggtgtgtaa	660
gcaagattcc cccttcagca gggtagccaag gaaggtccag ccaggtctacc ccgtagtccc	720
cgcagagaag cgtagctctg gggagagggc aagagagaca ggtggggccg aagggactgg	780
tgatgccgtg ttgggggaaa aggtgcttga agaagctctg ttgtctcggg agcatgtctt	840
ggaattggag aacagcaagg gccccagcct ggcctcttta gagggggaag aagataaggg	900

gaagagcagc	tcattcccagg	tgggtggggcc	agtgcaggag	gaagagtatg	tagcagagaa	960
gttgccaagt	aggttcatcg	agtcggctca	cacagagctg	gcaaaggacg	atgcggcgcc	1020
agcaccacca	gtcgcagacg	caaagccca	ggatagaggt	gtcgaaggag	aactgggcaa	1080
tgaggagagc	ttggatagaa	atgaggaggg	cttgataga	aatgaggagg	gcttgatag	1140
aaatgaggag	agcttgata	gaaatgagga	gggcttgat	agaaatgagg	agattaagcg	1200
ggctgccttc	cagataatct	ccaagtgat	ctcagaagca	accgaacagg	tgctggccac	1260
cacggttggc	aaggttgacg	gtcgtgtgtg	tcaggccagt	cagctccaag	ggcagaagga	1320
agagagctgt	gtcccagttc	accagaaaac	tgtcttgggc	ccagacactg	cggagcctgc	1380
cacagcagag	gcagctgttg	ccccgccgga	tgctggcctc	cccttgccag	gcctaccagc	1440
agagggctca	ccaccaccaa	agacctacgt	gagctgcctg	aagagccttc	tgtccagccc	1500
caccaaggac	agtaagccaa	atatctctgc	acaccacatc	tccttggcct	cctgcctggc	1560
actgaccacc	cccagtgaag	agttgccgga	ccgggcaggc	atcctggtgg	aagatgccac	1620
ctgtgtcacc	tgcatgtcag	acagcagcca	aagtgtccct	ttggtggctt	ctccaggaca	1680
ctgctcagat	tctttcagca	cttcagggtc	tgaagactct	tgacacagaga	ccagctcgag	1740
ccccaggac	aaggccatca	ccccgccact	gccagaaagt	actgtgccct	tcagcaatgg	1800
ggtgctgaag	ggggagttgt	cagacttggg	ggctgaggat	ggatggacca	tggatgcgga	1860
agcagatcat	tcaggagggt	ctgacaggaa	cagcatggat	tccgtggata	gctgttgacg	1920
tctcaagaag	actgagagct	tccaaaatgc	ccaggcaggc	tccaacccta	agaaggctga	1980
cctcatcatc	tgggagatcg	aggtgccaaa	gcacttagtc	ggtcggctaa	ttggcaagca	2040
ggggcgctat	gtgagttttc	tgaagcaaac	atctggtgcc	aagatctaca	tttcaaccct	2100
gccttacacc	cagagcgtcc	agatctgcca	catagaaggc	tctcaacatc	atgtagacaa	2160
agcgtgaac	ttgattggga	agaagttcaa	agagctgaac	ctcaccaata	tctacgtcc	2220
cccattgcct	tcaactggcac	tgcttctctc	gccgatgaca	tcctggctca	tgctgcctga	2280
tggcatcacc	gtggagggtc	ttgtggtcaa	ccagggtcaat	gccgggcacc	tgcttcgtga	2340
gcagcacaca	caccctacct	tccacgcgct	gcgcagcctc	gaccagcaga	tgtacctctg	2400
ttactctcag	cctggaatcc	ccaccttgcc	caccccagtg	gaaataacgg	tcactctgtgc	2460
cgcctctggt	gcggacgggg	cctggtggcg	agcccaagtg	gttgctcctc	acgaggagac	2520
caacgaagtg	gagattcgat	acgtggacta	cggcggatat	aagagggtga	aagtagacgt	2580

gctccggcaa atcaggtctg actttgtcac cctgccgttt cagggagcag aagtccttct	2640
ggacagtgtg atgccctgt cagacgatga ccagttttca ccggaagcag atgccgccat	2700
gagcgagatg acggggaata cagcactgct tgctcaggtg acaagttaca gtccaactgg	2760
tcttctcttg attcagctgt ggagtgtggt tggagatgaa gtggtgttga taaaccggtc	2820
cctggtggag cgaggccttg cccagtgggt agacagctac tacacaagcc tttgaccccc	2880
atgctgcttc ctgagagtct tttttgtcac tgttgaaatt gggcttggca ctcaagtcaa	2940
agatgaacat cggaataaca aacattgtcc tctccagaaa gtcttttctt tatccatact	3000
gtagtcctat tgagaagaca tttcgtctct gagaaaaaag gatggaacta tgggttctct	3060
tcgcaaagcc aaaggatagt gtttaacaag ccagctggct tatcctggtt ctgagctgtt	3120
taaaaaaaaa aaaaaaagg aatagaaaca gtttcaacca gattgtccta ttccccctgt	3180
tccattcccc tcttcttctt tctatctct tccccggcaa aaaccaaaca aactggcaga	3240
caggccaggg atgtatgttg cttgcttgag agggtttctt ttacttcaa atctttcttc	3300
agggagcaag acatgaactg actaattggt atccactact tgtacagctt acataaatga	3360
gttgatgata ttttaaccagt ttttataaac ttcathtagg tctctaaca cagacttttt	3420
aaattgcaac tgtaaataatg aaatggtcac cacatctgac cttggtcagt ggggagggga	3480
actggtatcc tgccaagcct ggttgtaatt tgtaaccatt ttctatattgt gcaaactctg	3540
taaatatgtg ttttaacaaa tgtaatatatt tgtacaagat aactggaga acaaagggaa	3600
ctcaagattc ttccagccac atgtcacctg taggtagaag taaactctgc agtgcagctt	3660
ctgctcttgg cccctctggc cagggccctt gtggcttctt gcacactgga caggtgactg	3720
tatggtagag actgtgatct gggaactttt tgctgtacaa atctgtttta aaaaaaaaaa	3780
aagtaactca ttgaattaa	3799

<210> 7

<211> 829

<212> DNA

<213> Homo sapiens

<223> NM_002818.2| proteasome (prosome, macropain) activator subunit 2 (PA28 beta) (PSME2), mRNA

<400> 7

tggggagtga aagcgaaagc ccgggcgact agccgggaga ccagagatct agcgactgaa	60
gcagcatggc caagccgtgt ggggtgcgcc tgagcgggga agcccgcaaa caggtggagg	120
tcttcagaca gaatcttttc caggaggctg aggaattcct ctacagattc ttgccacaga	180
aatcatata cctgaatcag ctcttgcaag aggactccct caatgtgget gacttgactt	240
ccctccgggc cccactggac atccccatcc cagaccctcc acccaaggat gatgagatgg	300
aaacagataa gcaggagaag aaagaagtcc ataagtgtgg atttctccct gggaatgaga	360
aagtctgtc cctgcttgcc ctggttaagc cagaagtctg gactctcaa gagaaatgca	420
ttctggtgat tacatggatc caacacctga tccccaaagat tgaagatgga aatgattttg	480
gggtagcaat ccaggagaag gtgctggaga gggatgaatgc cgtcaagacc aaagtggaag	540
ctttccagac aaccatttcc aagtacttct cagaacgtgg ggatgctgtg gccaaaggcct	600
ccaaggagac tcatgtaatg gattaccggg ccttggtgca tgagcgagat gaggcagcct	660
atggggagct cagggccatg gtgctggacc tgagggcctt ctatgctgag ctttatcata	720
tcatcagcag caacctggag aaaattgtca acccaaaggg tgaagaaaag ccattctatgt	780
actgaaccgc ggactagaag gaaaataaat gatctatatg ttgtgtgga	829

<210> 8

<211> 2974

<212> DNA

<213> Homo sapiens

<223> NM_004363.1 carcinoembryonic antigen-related cell adhesion molecule 5 (CEACAM5), mRNA

<400> 8

ctcagggcag agggaggaag gacagcagac cagacagtca cagcagcctt gacaaaacgt	60
tcttggaaact caagctcttc tccacagagg aggacagagc agacagcaga gaccatggag	120
tctccctcgg cccctcccca cagatgggtgc atccctggc agaggctcct gctcacagcc	180
tcacttctaa ccttctggaa ccgcccacc actgccaaagc tcactattga atccacgccg	240
ttcaatgtcg cagaggggaa ggagggtgctt ctacttgtcc acaatctgcc ccagcatctt	300
tttggctaca gctggtacaa aggtgaaaga gtggatggca accgtcaaata tataggatat	360
gtaataggaa ctcaacaagc taccacaggg ccgcataca gtggtcgaga gataatatac	420
cccaatgcat cctgctgat ccagaacatc a	